AMENDMENTS TO THE SPECIFICATION

IN THE SPECIFICATION:

Page 9

Please amend the Specification on page 9 beginning at line 4 as follows:

The present invention also provides a radar apparatus or like for forming detection image data from real sweep data successively formed based on a detection signal received by an antenna, and interpolated sweep data that is interpolated between adjacent pieces of the real sweep data in an azimuth direction, the device comprising corrected real sweep data former for, when, among a plurality of pieces of data of the real sweep data arranged in a distance direction, solitary data having a value larger than or equal to a predetermined threshold value is present in a predetermined range, converting the solitary data into corrected real sweep data, and corrected interpolated sweep data calculator for calculating corrected interpolated sweep data based on the corrected real sweep data formed by the corrected real sweep data former, wherein sweep data is formed based on the corrected real sweep data and the corrected interpolated sweep data.

Page 15

Please amend the Specification on page 15 beginning at line 6 as follows:

The comparator 26 compares the sweep azimuth of a real sweep input from the latch circuit 6 with a planned interpolated sweep azimuth from the counter 25, and when the planned interpolated sweep azimuth is larger than or equal to the real sweep azimuth, detects the end of

interpolated sweep. After detecting the end of interpolated sweep, the comparator outputs a real

sweep azimuth select signal via an AND gate to ~~JFK~~ JKF/K 21, and at the same time, to the

selector 27. In addition, the real sweep azimuth select signal is output to the sweep data

generator 11.

Please amend the Specification on page 15 beginning at line 28 and continuing on page 16 as

follows:

Interpolated sweep azimuths $\beta+\delta$, $\beta+2\delta$, ..., and $\beta+NN\delta$ are successively obtained from

the previous real sweep azimuth β. These interpolated sweep azimuths are calculated by

successively adding δ in a loop of the selector 27 and the ~~counter 2~~ counter 25 as described

above. When the interpolated sweep azimuth reaches $\beta+N\delta$ which is larger than or equal to the

current real sweep azimuth α, calculation of an interpolated sweep azimuth is suspended until the

next real sweep azimuth is input. By repeatedly performing this operation, draw sweep azimuths

can be obtained for all azimuths.

Page 22

Please amend the Specification on page 22 beginning at line 17 as follows:

The sweep azimuth generator 12 calculates sweep azimuths, θn+1 and θn+2 , of

interpolated sweeps ~~θn+1 and θn+2~~ based on a sweep azimuth θn+3 of a current real sweep and a

sweep azimuth θn of the previous real sweep, using the above-described method.